ORM PTO-1390 (Modified) REV. 7-2005) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMEN TRANSMITTAL LETTER TO THE UNITED STATES PU0359 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 to be assigned INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2004/007339 6 July 2004 21 July 2003 TITLE OF INVENTION Methods and Systems for the Annotation of Biomolecule Patterns in Chromatography/Mass-Spectrometry Analysis APPLICANT(S) FOR DO/EO/US KAPLAN, Anders and BJORKESTEN, Lennart Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: \boxtimes This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. X (9) and (24) indicated below. The US has been elected (Article 31). \boxtimes 4. 5. \boxtimes A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. 🛚 is attached hereto (required only if not communicated by the International Bureau). b. 🛛 has been communicated by the International Bureau. c. 🗆 is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗆 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) П are attached hereto (required only if not communicated by the International Bureau). b have been communicated by the International Bureau. C have not been made; however, the time limit for making such amendments has NOT expired. d. 🗀 have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). \boxtimes 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10 An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). 11. 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. \boxtimes An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. \boxtimes A FIRST preliminary amendment. 16 A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. 17 18. \boxtimes A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20 A second copy of the published International Application under 35 U.S.C. 154(d)(4).

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

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21.

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IAP9 Rec'&PCT/PTO 14 DEC 2005

PTO-1390 (Rev. 07-2005)
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U.S. APPLICATION NO (f known see 37 CER 1.5) INTERNATIONAL APPL to hand in 5 6 0 7 2 8 PCT/EP2004/0			PPLICATION NO.		ATTORNEY'S DOCKET NUMBER				
to be all if n a OU / C &			PCT/EP2004/007339				PU0359		
copy of tl (6pgs), co	ms or information: nis transmittal lette py of the search re e Statement, and a	port from Great	Britain Patent Offi	on of s ce, co	the specific pies of the 1	ation (non-US	35pgs), clean version o S references cited on th	f drawings e Information	
The following	g fees have been s	submitted:		······			CALCULATIONS	PTO USE	
	-					\$300	\$ \$300.0)	
If the written opin prepared by IPEA	VUS indicates all o	A/US or the inte claims satisfy pro	rnational prelimina visions of PCT Art	icle		eport \$0 \$200			
26. Search fee (37 CFR 1.492(b)) If the written opinion the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority					\$ \$400.00				
TOTA	L OF 24, 25 and	26 =				·	\$ \$900.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or RATE									
41 - 100 =	0 /50 =	naction thereof	(round up to a wh	ioie	x \$250	.00	\$ \$0.00	\	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).							\$	'	
CLAIMS	NUMBER F		MBER EXTRA	<u> </u>	RATE				
Total claims	24	- 20 =	4	х	\$50	.00	\$ \$200.00)	
Independent clair	ns 2	- 3=	0	x	\$200	.00	\$ \$0.00		
MULTIPLE DEPE	NDENT CLAIMS	(if applicable)		+	\$360	.00	\$ \$0.00		
TOTAL OF ABOVE CALCULATIONS =						1 S =	\$ \$1,100.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$ \$0.00				
SUBTOTAL =					AL =	\$ \$1,100.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$ \$0.00)			
TOTAL NATIONAL FEE =						\$ \$1,100.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +					\$ \$0.00				
TOTAL FEES ENCLOSED =						D =	\$ \$1,100.00		
							Amount to be	\$	
							Amount to be	\$	

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a.		A check in the amount of \$	to cover the	e above fees is enclose	d.			
b.	X	Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	502-590	in the amount of \$	\$1,100.00	to cover the above fees.		
C.	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502-590 . A duplicate copy of this sheet is enclosed.							
d.	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status:								
SEND ALL CORRESPONDENCE TO:								
Customer No.: 22840 SIGNATURE								
Amersham Biosciences Royal N. Ronning, Jr.								
Patent Department 800 Centennial Avenue			NAME	NAME				
			32,529	32,529				
Piscataway, NJ 08855			REGISTRA	REGISTRATION NUMBER				
(732) 457-8423			Decembe	December 14, 2005				
,				DATE	DATE			

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CERTIFICATE OI Applicant(s): Anders	F MAILING BY "EX Kaplan, et al.	PRESS MAIL'' (37 CFILLE)	c'd PCT/PTO	Wet No. DEC 20
Application No. to be assigned	Filing Date 14 December 2005	Examiner to be assigned	Customer No. 22840	Group Art Unit to be assigned
Invention: Methods a Analysis	nd Systems for the Annota	ation of Biomolecule Patterns in Chron	natography/Mass-	Spectrometry
I hereby certify that t	he following corresponde	ence:		•
power of attorney (3)	ogs), Form PTO-1449 w/co	rst Preliminary Amendment (10pgs), s opies of non-US citations, specification f the search report from Great Britain	(35pg), drawings	(6pgs), copy of
	(1	dentify type of correspondence)		
is being deposited w	rith the United States Pos	stal Service "Express Mail Post Office	e to Addressee" s	ervice under 37
CFR 1.10 in an enve	elope addressed to: Com	missioner for Patents, P.O. Box 1450), Alexandria, VA	22313-1450 on
	December 14 2005			•
	December 14, 2005 (Date)			
		Melissa	a I ack	
		(Typed or Printed Name of Pers		dence)
				>
		(Signature of Person Ma	iling Consequence)	
		(Signature of Ferson Ma	uing Correspondence)	
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